

NWS CHANGE FORM PART A			1. DATE SUBMITTED 3/15/00 3/24/00	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE APO		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Tom Filiaggi Routing Code: W/OSD25 Phone: (301) 713-1768x114
				5. ORIGINATOR TRACKING NUMBER P426_TDL_A100045
6. SYSTEMS AFFECTED BY CHANGE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ </div> <div style="text-align: right;"> <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) </div> </div>				7. WSH TRACKING NUMBER <div style="font-size: 1.2em; font-weight: bold;">NWS 567</div> <div style="color: red;">3/28/00</div>
8. TITLE OF CHANGE Alpha testing of SCAN WDSS Release 5.0 functionality.				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed) Initially: LZK Future: OSF, DDC, GLD, BOU, ALY, WRH (See Attachment A1A for details)	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Deploy alpha Release 5.0 version of SCAN that contains WDSS functionality to seven sites. Testing of the SCAN software requires active radar data (i.e., storms). Testing in the field in a variety of locations allows us to test all aspects of the software prior to deployment. This quantity and variety of radar data is not available at any of the development testing sites. This has been a source of errors in past releases.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Executables and files: Attachment A2				
13. ALTERNATE SOLUTIONS One alternative would be <u>not</u> perform Alpha testing and increase the risk of software deficiencies. Another alternative would be to make the necessary data available to the development sites. Alternative one will increase the need for bug fixes (patches and releases) to be deployed soon after Release 5.0 is deployed. Alternative two has been requested in the past but has been rejected by the APO.				
14. REQUIRED CHANGE DATE Initial: 10/99 Future: 3/24/00		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Build 5 schedule		
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL		<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> CCB LEVEL ONLY </div> <div> <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED </div> </div>		
17. CCB LEVEL DECISION		<input type="checkbox"/> APPROVED		
		<input type="checkbox"/> RECOMMEND APPROVAL		
		<input type="checkbox"/> DISAPPROVED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED		
		<input type="checkbox"/> DISAPPROVED		
		SIGNATURE		
		DATE SIGNED		

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER P426_TDL_A100045	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 567	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with 5.0 development		KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT \$0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) The TDL will push the change to the sites as directed by the SST		KMOD _____ BASE	AMOUNT \$
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) Alpha Testing		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE The change was implemented at LZK on 18 Oct 99. The other sites would be implemented on 27 Mar 00.		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2.6 to be installed prior to implementation	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) SST will coordinate with the sites for the TDL to push the software change to this site. SST and the TDL Engineers will be available to the site for assistance.			

<div>NWS CHANGE FORM</div> <div>PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT</div>						<div>1. ORIGINATOR TRACKING NUMBER</div> <div>P426_TDL_A100045</div>			
<div>This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)</div>						<div>2. WSH TRACKING NUMBER</div> <div>NWS 567</div>			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART	B. SERIAL NUMBER(S) OR			A.	B.	A.	B. REV
SCAN User Guide (attached in a zip file)									

<p align="center">NWS CHANGE FORM</p> <p align="center">PART C</p>		<p>1. ORIGINATOR TRACKING NUMBER P426_TDL_A100045</p>		
<p>WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.</p>		<p>2. WSH TRACKING NUMBER NWS 567</p>		
<p>3. CCB COST EVALUATION</p> <p>NWS COST FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$</p> <p align="center">(SPECIFY)_____</p>				
<p>4. IMPLEMENTATION DOCUMENTS REQUIRED</p> <p><input checked="" type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____</p>				
<p>ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.</p>				
<p>5. IMPLEMENTATION ACTIVITY REQUIRED</p>		<p>6. REQUIRED COMPLETION DATE</p>	<p>7. RESPONSIBLE PERSON AND OFFICE</p>	<p>8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION</p>
<p>A. Coordinate implementation schedule with sites through SST</p>		<p>24 Mar 00</p>	<p>Thigpen/SST, W/APO3</p>	<p>N/A</p>
<p>B. Develop Modification Note and Update Documentation</p>				
<p>C. TDL Push the change to sites as directed by SST</p>		<p>27 Mar 00</p>	<p>Thigpen/SST, W/APO3</p>	<p>See item C</p>
<p>D. Ensure the change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in the Engineering Handbook number 4, part2. Record this RC number (NWS 554) in Block 17a of the EMRS report.</p>			<p>Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411</p>	
<p>E. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes</p>			<p>Michelle deTomasso (W/OSO113)</p>	

Attachment A2 - SCAN Alpha executables delivered:

IGC_Process
SCAN_manualDBpurge
SCANprocessor
alarm.tcl
breakLogIngest
color_thresh.tcl
construct.tcl
create_ScanData.sh
drop_SCAN_database.sh
executables
fxaWish
getStrikeNum
get_table_data.tcl
in_out.tcl
killSCANcontroller.sh
main.tcl
makeSCANtables
notificationServer
pkgIndex.tcl
scanGUIsuite
scanLoading.tcl
scid.tcl
sitefinder
startIngest.asl
start_table.tcl
stopIngest.asl
stormCellDispWish
toolbar.tcl
trend.tcl
utils.tcl
wishDM

Attachment A2 - SCAN Alpha data files delivered:

SCAN_DMS.html
SCANconfig_cellTable.txt
SCANconfig_mesoTable.txt
SCANconfig_tvsTable.txt
SCANcontroller.config
SCANdefaultcellTrendList.txt
button3.gif
colorMaps.mark
dataMenus.txt
datafiles
findex.html
laps_varlist.txt
lightningbolt3.gif
noaalogo.gif
nwslogo.gif
radar2.gif
scan.gif
scanDataMenus.template
scan_loading.gif
scti_FlashFlood.xbm
scti_SPCguidance.xbm
scti_SevereWeather.xbm
tdlRadarDataKeys.template
tdlRadarDataMenus.template
tdlRadarDepictKeys.template
tdlRadarExtensionInfo.template
tdlRadarMultiLoadInfo.template
tdlRadarProductButtonInfo.template